

RE-ISSUE APPLICATION DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare:

THAT my residence, post office address and citizenship are as stated below next to my name.

THAT I believe I am the original, first and sole (if only one name is listed below) or an original, first and joint inventor (if plural inventors are listed below) of the subject matter which is described and claimed in Patent No. 6,049,875, granted April 11, 2000, and for which a re-issue patent is sought on the invention entitled: SECURITY APPARATUS AND METHOD the specification of which:

☐ is attached hereto.

OR

☐ was filed on (MM/DD/YY) as United States Application Number \_\_\_\_\_.

THAT the subject matter of the

☐ attached amendment

OR

☐ amendment filed on (MM/DD/YY)

was part of my or our invention and was invented before the filing date of the original application, above identified for such invention.

THAT I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

THAT I acknowledge the duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations §1.56.

THAT I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below:

- ☐ by reason of defective specification or drawing.
- ☐ by reason of the patentee claiming more or less than he had a right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described below. This is a broadening reissue, adding new claims to more properly define the scope of protection to which the invention is entitled based upon the original disclosure in the specification. Based upon review of the patent as issued it is believed that the patentees claimed less than they had a right to claim and the new claims added by this reexamination seek to cure that defect. More specifically, the patentees failed to seek, but had the right to seek claims which, if issued, would protect the following inventions:

A security control apparatus for controlling a supply of a service to a user in a service area, comprising:

a monitor unit configured to continuously input images of the service area;

a recognition unit configured to recognize the user as an authorized user from the input images, and to recognize at least one person other than the authorized user from the input images; and

a service control unit configured to supply the service to the authorized user when the user is recognized in the input images, and to control the supply of the service to the authorized user when the person other than the authorized user is recognized in the input images.

A security control apparatus for controlling a supply of a service to a user in a service area, comprising:

a person recognition unit configured to recognize a user requesting the service;

a use situation decision unit configured to decide whether the user is under a situation to use the service in accordance with recognition result of said person recognition unit;

an intrusion situation decision unit configured to decide whether a non-user intrudes into the service area in accordance with recognition result of said person recognition unit; and

a service control unit configured to supply the service to the user when said person recognition unit recognizes the user, and to control a supply of the service when said use situation decision unit decides the user is not under the situation to use the service or when said intrusion situation decision unit decides the non-user intrudes into the service area.

A security method for controlling a supply of a service to a user in a service area, comprising the steps of:

continuously inputting images of the service area;

recognizing the user as an authorized user from the input images;

recognizing at least one person other than the authorized user from the input images;

supplying the service to the authorized user when the user is recognized in the input images; and

controlling the supply of the service to the authorized user when the person other than the authorized user is recognized in the input images.

A computer readable memory containing computer-readable instructions to control a supply of a service to a user in a service area, comprising:

an instruction unit to continuously input images of the service area;

an instruction unit to recognize the user as an authorized user from the input images;

an instruction unit to recognize at least one person other than the authorized user from the input images;

an instruction unit to supply the service to the authorized user when the user is recognized in the input images; and;

an instruction unit to control the supply of the service to the authorized user when the person other than the authorized user is recognized in the input images.

THAT all errors corrected in this reissue application arose without any deceptive intent on the part of the applicant.

THAT no application(s) for patent or inventor's certificate on this invention or discovery has been filed by me or my legal representatives or assigns in a country foreign to the United States of America more than 12 months prior hereto, unless identified here: 6,049,875 (Date of Patent 4/11/2000)

THAT I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YY)	Priority Claimed?		Certified Copy Attached?	
			YES	NO	YES	NO
<b>P08-051973</b>	<b>Japan</b>	<b>March 8, 1996</b>	<b>X</b>			<b>X</b>
<b>P08-243879</b>	<b>Japan</b>	<b>Sept. 13, 1996</b>	<b>X</b>			<b>X</b>

THAT I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YY)
<b>NONE</b>	

THAT I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date (MM/DD/YY)	Parent Patent Number (If applicable)
<b>NONE</b>			

And as a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and with the resulting patent, individually and collectively:

Squire, Sanders & Dempsey L.L.P.  
801 S. Figueroa Street, 14<sup>th</sup> Floor  
Los Angeles, California 90017-5554

telephone number (213) 624-2500 (to whom all communications regarding the subject application are to be directed); and each practitioner thereof named below with Registration Numbers, and of the same address:

David B Abel

Reg. No. 32,394

and further appoint as associate practitioners, with right of revocation in the primary practitioners, the following:

Michael A. Lechter, Reg. No. 27,350 Marc A. Sockol, Reg. No. 40,823 William R. Bachand, Reg. No. 34,980 Dave B. Koo, Reg. No. 46,839	David E. Rogers, Reg. No. 38,287 Lorinda J. Howland, Reg. No. 42,671 Sung I. Oh, Reg. No. 45,583
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I hereby declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Date May 21 2001

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<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		<b>Docket Number (Optional)</b>  43701.00023
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>		
Name of Patentee(s) SUZUKI et al.		
Patent Number 6,049,875	Date Patent Issued April 11, 2000	
Title of Invention SECURITY APPARATUS AND METHOD		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
<p>The assignee(s) owning an undivided interest in said original patent is/are <u>KABUSHIKI KAISHA TOSHIBA</u> and the assignee(s) consents to the accompanying application for reissue.</p>		
Name of assignee/inventor (if not assigned) KABUSHIKI KAISHA TOSHIBA		
Signature 	Date May 24, 2001	
Typed or printed name and title of person signing for assignee (if assigned) Takashi NAKAYAMA General Manager, Intellectual Property Division		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: KABUSHIKI KAISHA TOSHIBAApplication No./Patent No.: 6,049,875 Filed/Issue Date: April 11, 2000Entitled: SECURITY APPARATUS AND METHOD\_\_\_\_\_, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 8615 Frame 0866, or for which a copy thereof is attached. (7-18-97)

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 24, 2001  
Date

Takashi NAKAYAMA  
Typed or printed name  
Takashi NAKAYAMA  
Signature

General Manager, Intellectual Property  
Title Div.